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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/881,024	06/15/2001	Kumar Bhaskaran	YO9-99-314	7837

30743 7590 11/15/2006

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EXAMINER	
FRANCIS, MARK P	

ART UNIT	PAPER NUMBER
2193	

DATE MAILED: 11/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/881,024	BHASKARAN ET AL.	
	Examiner	Art Unit	
	Mark P. Francis	2193	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *21 July 2006*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1, 3-7* is/are pending in the application.

4a) Of the above claim(s) *2* is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1, 3-7* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to the communication filed on July 21, 2006.

2. Claims 1, 3-7 have been examined. Claim 2 is cancelled.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

4. A person shall be entitled to a patent unless –

> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1 and 3-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Adler. (U.S. PGPUB 2002/0169658)

Independent claims

With respect to claim 1, Adler discloses Burke discloses a computer implemented system analysis and design method for use in a complex business environment characterized by a set of tightly linked9Col 9:0079-0080, "...all linked and supported...") business processes(Col 1:0005, "...Strategic business decisions...") comprising the steps of: capturing in a framework (Col 9:0082, "...modeling environment...") a world view of business decisions that occur in a business process/, wherein the world

view(Col 5:0041, "...the economy...") is defined by business objectives, constraints, assumptions, data, (Col 4:0032-0033, "...business issues such as B2B channel strategies...") and an underlying model used in the business decision and/or the application software system; 9Col 5:0041-0043, "...comprising model entities...") and using the framework to specify and document each business decision(Col 11:0099, "...the modeling framework, illustrating the object model...") and/or business application software system in the complex environment that a BDML (Business Decision Markup Language) is used to implement the framework for specifying the world view of the business decisions;(Col 9:0084, "...and XML...") and using the framework to specify and document each of the business decisions in the complex environment.(Col 7:0073, "...a plurality of decision options...")

With respect to claim 7, Adler discloses A BDML (Business Decision Markup Language) processor comprising:

a syntax processor that checks the syntax correctness and syntax consistency within an individual and between different documents written in BDML(Col 9:0083-0085, "...Behavioral rules are code modules...")

a logic processor that checks logical consistency between different documents written in BDML, each document representing a business decision in terms of the decision's business objectives, constraints, assumptions, data,(Col 11:0098-0099, "...contains the following primary classes: Economy, Market...") and underlying model among the different documents, wherein the check for logical consistency includes checking for

logical consistency between their respective business objectives, constraints, assumptions, data, and underlying models; (Col 11:0099-0101, "...This also allows Constraints to be represented...")

and a knowledge-based processor including a knowledge base of business decisions, common choices for their decision support models and commercially available decision support systems, wherein the knowledge-based processor provides suggestions for a set of BDML documents to improve consistency using the knowledge base. (Col 10:0086-0088, "...decision options, and scenario elements...")

Dependent claims

With respect to claim 3, the rejection of claim 1 is incorporated and further, Adler discloses that the BDML is used for creation and maintenance of a knowledge base of business decisions and processes within an organization. (Col 9:0084, "...and (XML)...", Col 11:0099-0100, "...The model uses Unified Modeling Notation...")

With respect to claim 4, the rejection of claim 1 is incorporated and further, Adler discloses that the BDML is used for the publication of the functional specification of a business application software system, the world view of a technical research paper in the area of business decisions and its findings. (Col 9:0084, "...and (XML)...", Col 11:0099-0100, "...The model uses Unified Modeling Notation...")

With respect to claim 5, the rejection of claim 1 is incorporated and further, Adler discloses that providing a BDML processor and conducting systematic documentation of said business decision's business objectives, constraints, assumptions, data, and underlying model in business processes, wherein said conducting systematic documentation includes forming the BDML as machine-readable by the BDML processor and by human users.(Col 9:0084, "...and (XML)...", Col 11:0099-0100, "...The model uses Unified Modeling Notation...")

With respect to claim 6, the rejection of claim 1 is incorporated and further, Adler discloses that the BDML supports XML (eXtensible Markup Language) based standards for business to business exchanges. (Col 9:0084, "...and XML...")

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark P. Francis whose telephone number is (571)272-7956. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai T.An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mark P. Francis

Patent Examiner

Art Unit 2193

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